



2406

FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 071949-2404	SERIAL NO. 09/776,599
	APPLICANT: Buechler et al.	
	FILING DATE: 02-01-2001	GROUP: 1639

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
JL	AA	5,624,028	5/6/97	Tai et al.	435	6	11/3/93

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
JL	AB	Ben-Hur, E., et al. "Phthalocyanine-Induced Photohemolysis: Structure-Activity Relationship and The Effect of Fluoride," <i>Photochemistry and Photobiology</i> 58: No. 3, 351-355 (1993)
	AC	Kudrevich, et al. "Syntheses of Monosulfonated Phthalocyanines, Benzonaphthoporphyrines and Porphyrins via the Meerwein Reaction," <i>Journal of The Chemical Society: Perkin Transactions I</i> 2767-2774 (1994)
	AD	Margaron, P. et al. "Photodynamic Properties of Naphthosulfobenzoporphyrine Derivatives," <i>Journal of Photochemistry and Photobiology</i> 14:187-199 (1992)
	AE	Margaron, P. et al. "Chromatographic Analysis of Asymmetric Sulphophthalocyanines Using a Diode-array Detector," <i>Journal of Chromatography</i> 634: 57-64 (1993)

EXAMINER: 	DATE CONSIDERED: 3/7/04
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.	



Notice of References Cited				09/776,599 filed 02-01-2001	
Examiner				Group Art Unit	
Epperson				1639	
U.S. PATENT DOCUMENTS					
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
<input checked="" type="checkbox"/>	5,135,717	8/1982	Renzi et al	422	01
<input checked="" type="checkbox"/>	4,903,170	2/1989	Stanton et al	336	31A
<input checked="" type="checkbox"/>	4,434,236	2/1984	Freitag	438	512
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FOREIGN PATENT DOCUMENTS					
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NON-PATENT DOCUMENTS					
	DOCUMENT (including Author, Title, Source, and Pertinent Pages)				DATE
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per 3/7/04

1402



FORM PTO-1449		SERIAL NO. 09/776,599
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		Buechler et al.
(Use several sheets if necessary)		
Fluorescence Energy Transfer and Intramolecular Energy Transfer in Particles Using Novel Compounds		FILING DATE: 02-01-2001
		GROUP: 1639

U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILED DATE
JE	AA	5	3	2	8	6	9	2	07/05/94	Brinkley, et al.	435	6	05/13/92
	AB	4	1	8	8	1	0	5	08/28/79	Hirschfeld	424	8	12/20/74
	AC	4	1	9	9	5	5	9	04/22/80	Ullman et al	424	8	02/07/77
	AD	4	7	7	7	1	2	8	10/11/88	Lipps	435	5	05/27/86
	AE	5	1	5	4	8	8	7	10/13/92	Babb	422	58	05/28/91
	AF	5	1	5	7	4	1	2	10/20/92	Kleinrichmidt et al	346	1.1	05/22/90
	AG	5	1	9	4	3	9	3	03/16/93	Hugl et al	436	525	11/08/90
	AH	5	1	2	3	7	3	1	06/23/92	Yoshinaga et al	358	73	08/13/91
	AI	5	1	1	8	9	8	9	05/26/92	Hala et al	548	265	05/30/89
	AJ	5	0	5	5	4	1	4	10/08/91	Babb et al	436	501	07/05/88
	AK	4	8	8	8	8	8	2	05/19/87	Chon	438	507	08/14/84
	AL	4	5	4	2	1	0	4	09/17/85	Soyler et al	438	538	04/08/83
	AM	3	9	9	8	3	4	5	12/07/78	Ullman et al	424	12	08/00/75
	AN	5	1	3	2	2	0	8	07/21/92	Dreyer	435	8	10/20/88

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
		YES	NO											
CE	AD	0	0	7	6	6	9	5	13-04-83	EPA (Stryer et al.)	33	58		
	AP	0	0	7	5	9	8	2	08-04-83	EPA (Baroncelli et al.)	33	58		
	AQ	0	4	0	7	1	8	8	09-01-91	EPA (Bosley et al.)	33	58		
	AR	9	3	2	3	4	9	2	11-25-93	WO/PCT 93/23492 (Brinkley)				
CE	AS	8	8	0	4	7	7	7	06-30-88	WO/PCT 88/04777 (Stanton)				
	AT	0	5	9	7	3	8	9	16-05-94	EPA (Tsai et al.)				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
EXAMINER INITIAL											
JE	AU	Pekcan, O. et al., "Direct Energy Transfer Studies on Doped and Labeled Polymer Latex Particles" <i>Physical Review Letters</i> 61:641-644 (Aug. 1, 1988)									
	AV	Stryer, Lubert, "Fluorescent Energy Transfer As A Spectroscopic Ruler" <i>Ann. Rev. Biochem.</i> 47:319-46 (1978)									
	AW	Molecular Probes Added "Novel Fluorescent Latex Microspheres - Transfluorespheres A Breakthrough in Latex Microsphere Technology (1994)"									
	AX	Wheeler, B.L. et al., "A Silicon Phthalocyanine and a Silicon Naphthalocyanine: Synthesis, Electrochemistry, and Electrogenerated Chemiluminescence," <i>J. Am. Chem. Soc.</i> 106:7404-7410 (1984)									

EXAMINER:	DATE CONSIDERED:
<i>[Signature]</i>	2/7/04

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 509; Draw line "h" citation if not in conformance and not considered. Include a copy of this form with next communication.

2402



TO SEPARATE, HOLD TOP AND BOTTOM EDGES, SNAP-APART AND DISCARD CARBON

FORM PTO-502 (REV. 2-98)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		SERIAL NO. 09/776599	GROUP/ART UNIT 1639	ATTACHMENT TO PAPER NUMBER	
NOTICE OF REFERENCES CITED				APPLICANT(S) Buechler et al.			
U.S. PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
A	5484685	01/96	TAI et al. (X)	540	452	05/91	
B	5039798	08/91	JOHNSON	540	123		
C	5473725	04/91	ARRHENIUS	540	138		
D	5425152	12/91	HAYASHI DA et al.	540	138		
E							
F							
G							
H							
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J							
K							
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT INTS. NO. OR O.W.G. SPEC.
L							
M							
N							
O							
P							
Q							
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
R	(X) Only Abs of Claims of TAI is being sent 9-15-01 Yumber Patent!!!						
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EXAMINEE		DATE					
/a		3/7/04					



FORM PTO-1449										ATTY. NO. ET NO. 071949-2404		CODING NO. 09/776599		
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)										APPLICANT: Buechler et al.				
										FILING DATE: 02-01-2001		GROUP: 1639		
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB CLASS	PRIOR DATE
	AA	5	3	2	6	8	9	2	05/07/94	Brinkley et al.	435	6	05/13/92	
	AB	4	1	6	6	1	0	5	08/28/79	Hirschfeld	424	8	12/20/74	
	AC	4	1	9	9	3	3	9	04/23/80	Ullman et al.	424	8	02/07/77	
	AD	4	7	7	7	1	2	8	10/1/88	Lippa	435	5	05/27/86	
	AE	5	5	5	4	8	8	7	10/13/92	Bobb	422	56	09/28/91	
	AF	5	1	5	7	4	1	2	10/20/92	Kleinchnick et al.	346	11	05/22/90	
	AG	5	1	9	4	3	9	3	03/16/93	Hugh et al.	436	525	11/08/90	
	AH	5	1	2	3	7	3	1	06/23/92	Yoshinaga et al.	356	73	05/12/91	
	AI	5	1	1	6	9	8	9	05/26/92	Hale et al.	546	265	05/30/89	
	AJ	5	0	5	5	4	1	4	10/08/91	Bobb et al.	436	501	07/05/88	
	AK	4	6	6	6	8	6	2	05/19/88	Chen	436	501	08/14/84	
	AL	4	5	4	2	1	0	4	09/17/85	Soyer et al.	436	336	04/06/83	
	AM	3	9	9	6	3	4	5	12/07/76	Ullman et al.	424	12	06/30/75	
	AN	5	1	3	2	2	0	6	07/21/92	Oreyer	435	6	10/30/88	
	AO	5	0	8	9	3	9	1	02/18/92	Buechler et al.				
	AP	4	1	9	9	3	6	3	04/22/80	Chen				
	AQ	4	4	7	6	2	2	9	10/09/84	Fino et al.				
	AR	4	3	6	8	2	5	8	01/11/83	Fujihara et al.				
	AS	5	2	4	8	7	8	2	09/28/93	Haughland et al.				
	AT	5	2	7	4	1	1	3	12/28/93	Kang et al.				
	AU	5	1	8	7	2	8	8	02/16/93	Kang et al.				
	AV	4	5	1	0	2	5	1	04/09/85	Kikuno et al.				
	AW	4	3	2	6	0	0	8	04/20/82	Rentbaum				
	AX	4	6	0	9	6	8	9	09/02/86	Schwartz et al.				
	AY	4	4	2	0	5	6	8	12/13/83	Wang et al.				

FOREIGN PATENT DOCUMENTS															
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
	AZ	0	7	8	6	9	5	1	10/4/83	EPO	33	58		YES	NO
	BA	0	7	5	9	8	2	1	06/04/83	EPO	33	58			
	BB	0	4	0	7	1	8	8	09/01/91	EPO	33	58			
	BC	9	3	2	3	4	9	2	25.11.93	WOPICT					

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3/17/04	
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	071949-2404	09/776599
	APPLICANT: Buechler et al.	
FILING DATE:		
02-01-2001		1639

BO	8	8	0	4	7	7	30.06.88	WOPCT (Sorenson et al.)
BE	0	2	8	5	9	6	12.10.88	EPO (Albert et al.)
BF	9	5	0	8	7	7	30.03.95	WOPCT (Buechler et al.)
BG	9	1	1	8	0	0	28.11.91	WOPCT (Dandekar et al.)
BH	9	3	1	9	3	6	30.09.93	WOPCT (Devlin et al.)
BI	0	5	9	7	3	8	18.05.94	EPO (Tai et al.)

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)								
BJ								Cerfontain and Kort, "Electrophilic Aromatic Sulfonation with Acidic Sulfonating Reagent," <i>Int. J. Sulfur Chem.</i> C6:123-136 (1971)
BK								Cerfontain and Kort, <i>Mechanistic Aspects in Aromatic Sulfonation and Desulfonation</i> , Interscience, New York, pp. 2-5, 68-79 and 121-126 (1968)
BL								Cook et al., "Octa-alkoxy Phthalocyanine and Naphthalocyanine Derivatives: Dyes with Q-Band Absorption in the Far Red or Near Infrared," <i>J. Chem. Soc. Perkin Trans. 1</i> pp. 2453-2458 (1988)
BM								Eldred and Young, "Dichloroaluminate Acid," <i>J. Am. Chem. Soc.</i> 75:4338-4339 (1953)
BN								Förster, "Zwischenmolekulare Energiewanderung und Fluoreszenz," <i>Ann. Physik</i> , 2:55-75 (1948)
BO								Gilbert, <i>Sulfonation and Related Reactions</i> , Interscience, New York, pp. 102-103, 306-307 and 339-383 (1965)
BP								Gregoriadis (editor), <i>Liposome Technology</i> , Volume III, CRC Press Inc., pp. 19 (1984)
BQ								Haughland et al., "Dependence of the Kinetics of Singlet-Singlet Energy Transfer on Spectral Overlap," <i>Proc. Natl. Acad. Sci. USA</i> 63:23-30 (1969)
BR								Haughland, "Potential Sensitive Probes," <i>Handbook of Fluorescent Probes and Research Chemicals</i> , 5th edition, Molecular Probes, Inc., pp. 156-158 (1992-1994)
BS								Memmla, <i>Applications of Fluorescence in Immunology</i> , John Wiley & Sons, Inc., pp. 131-135 (1991)
BT								Ikeda et al., "Synthesis of Non-Symmetrically Benzo-Substituted Phthalocyanines and Their Electronic Spectra," <i>Chemistry Letters</i> pp. 763-766 (1992)
BU								Kirby and Gregoriadis, "Ch. 2 - A Simple Procedure For Preparing Liposomes Capable of High Encapsulation Efficiency Under Mild Conditions," <i>Liposome Technology</i> , Volume I, Gregoriadis editor, CRC Press Inc., pp. 20-26 (1984)
BV								Kobayashi et al., "Synthesis, Spectroscopy, Electrochemistry and Spectroelectrochemistry of a Zinc Phthalocyanine with D _{2h} Symmetry," <i>Chemistry Letters</i> pp. 2031-2034 (1992)
BW								Kobayashi et al., "Benzene or Naphthalene Ring-fused Alono-Substituted Type Tetraazaoctaphenylporphyrin Zinc Complexes," <i>Chemistry Letters</i> pp. 1567-1570 (1992)
BX								Kobayashi et al., "New Route to Unsymmetrical Phthalocyanine Analogues by the Use of Structurally Distorted Subphthalocyanines," <i>J. Am. Chem. Soc.</i> 112:9640-9641 (1990)
BY								Kobayashi et al., "Phthalocyanines of a Novel Structure: Dinaphthalotetraazaporphyrins with D _{2h} Symmetry," <i>Inorg. Chem.</i> 33:1735-1740 (1994)
BZ								Konami et al., "Electronic spectra of benzo-substituted phthalocyanines," <i>Molecular Physics</i> 80:153-160 (1993)

EXAMINER:	DATE CONSIDERED: 3/7/04
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FORM PTO-1449	ATTY. DOCKET NO. 071949-2404	SERIAL NO. 09/776599
LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	APPLICANT: Buechler et al.	
	FILING DATE: 02-01-2001	GROUP: 1639

JB	CA	Mayhew et al., "Ch. 2 - Preparation of Liposomes Entrapping Cancer Chemotherapeutic Agents for Experimental In Vivo and In Vitro Studies," <u>Liposome Technology</u> , Volume II, Gregoriadis editor, CRC Press Inc., pp. 19-31 (1984)
J	CB	McHugh and Gouterman, "Porphyrins XXIV. Energy, Oscillator Strength, and Zeeman Splitting Calculations (SCMO-CI) for Phthalocyanine, Porphyrins, and Related Ring Systems," <u>Theoret. Chim. Acta</u> (Berlin) 24:346-370 (1972)
J	CC	Mikhailenko et al., "Phthalocyanines and Related Compounds," <u>J. Org. Chem.</u> (USSR (English Translation) 8:341-343 (1972)
DP	CD	Molecular Probes Ad. entitled "Novel Fluorescent Latex Microspheres--Transfluospheres a Breakthrough in Latex Microsphere Technology" (1994)
JB	CE	Pariser et al., "A Semi-Empirical Theory of the Electronic Spectra and Electronic Structure of Complex Unsaturated Molecules. II," <u>J. Chem. Phys.</u> 21:767-776 (1953)
DP	CF	Pekcan et al., "Energy-Transfer Studies on Doped and Labeled Polymer Latex Particles," <u>Physical Review Letters</u> 61:641-644 (1988)
JB	CG	Pople, "Electron Interaction in Unsaturated Hydrocarbons," <u>Trans. Faraday Soc.</u> 49:1375-1385 (1953)
DP	CH	Stryer, "Fluorescence Energy Transfer as a Spectroscopic Ruler," <u>Annual Review of Biochemistry</u> 47:819-846 (1978)
JB	CI	Van Arman et al., "General Fluorescence Assay for Enzyme-Catalyzed Polyanion Hydrolysis Based on Template-Directed Excimer Formation. Application to Heparin and Polyglutamate," <u>J. Am. Chem. Soc.</u> 112:5376-5377 (1990)
DP	CI	Wheeler et al., "A Silicon Phthalocyanine and Silicon Naphthalocyanine: Synthesis, Electrochemistry and Electrogenerated Chemiluminescence," <u>J. Am. Chem. Soc.</u> 106:7404-7410 (1984)

EXAMINER: <i>[Signature]</i>	DATE CONSIDERED: 3/7/84
EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 400.0001	